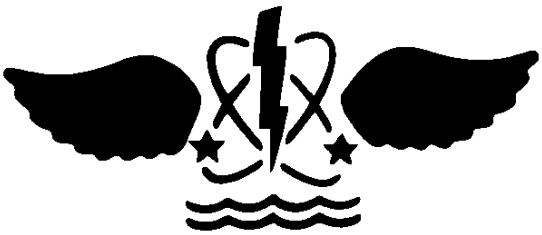
CHAPTER 12



NAVAL AIRCREWMAN (AW)

NAVPERS 18068-12H
CH-63

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NAVY ENLISTED OCCUPATIONAL STANDARD

FOR

NAVAL AIRCREWMEN (HELICOPTER) (AWS)

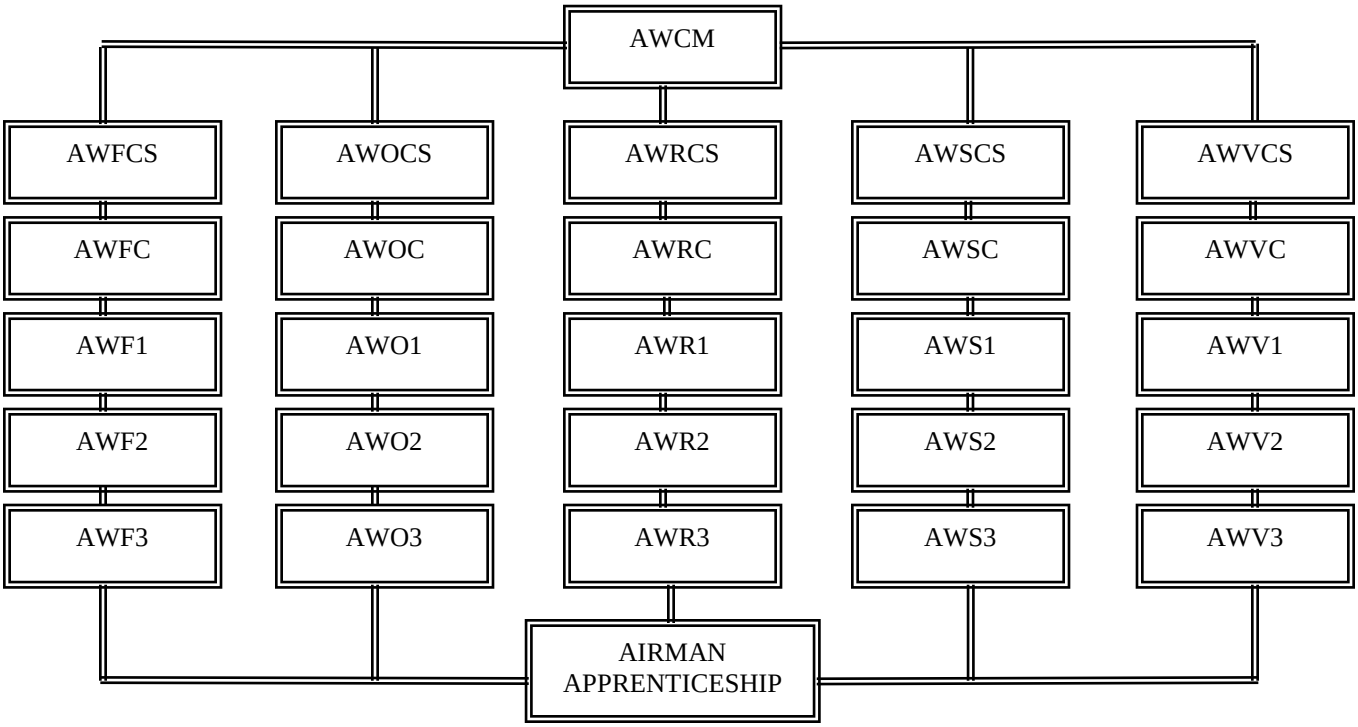
SCOPE OF RATING

Naval Aircrewman (Helicopter) (AWS) are members of multi-mission helicopter integrated tactical crews; perform Search and Rescue (SAR) operations, Airborne Mine Countermeasure (AMCM) operations utilizing sonar, magnetic, mechanical, and acoustic mine sweeping systems and logistics support; perform aircrew operations administration, flight and ground training, internal and external cargo movement, Medical Evacuations (MEDEVAC), passenger transport, aerial gunnery, small arms handling, Special Operations Forces (SOF) insertion and extraction operations, Vertical Replenishment (VERTREP), and Night Vision Device (NVD) operations; and conduct observer duties for safety of flight.

This Occupational Standard is to be incorporated in Volume I, Part B, of the Manual of Navy Enlisted Manpower and Personnel Classifications and Occupational Standards (NAVPERS 18068F) in Chapter 12.

GENERAL INFORMATION

CAREER PATTERN



Normal path of advancement to Chief Warrant Officer and Limited Duty Officer categories can be found in OPNAVINST 1420.1.

For rating entry requirements, refer to MILPERSMAN 1306-618.

SAFETY

The observance of Operational Risk Management (ORM) and proper safety precautions in all areas is an integral part of each billet and the responsibility of every Sailor; therefore, it is a universal requirement for all ratings.

Job Title **Job Code**

Helicopter Warfare Specialist 001605

Job Family	NOC	Short Title (30 Characters)	Short Title (14 Characters)
Military Specific	TBD	HELICOPTER WARFARE SPECIALIST	NAC HELI SPEC

Pay Plan	Career Field	Other Relationships and Rules
Enlisted	AWS	NECs may include 7805, 7807, 7815, 7886, and 8221

Job Description

Helicopter Warfare Specialists are members of multi-mission helicopter integrated tactical crews; perform Search and Rescue (SAR) operations and Airborne Mine Countermeasure (AMCM) operations utilizing sonar, magnetic, mechanical, and acoustic mine sweeping systems and logistics support; perform aircrew operations administration, flight and ground training, internal and external cargo movement, Medical Evacuations (MEDEVAC), passenger transport, aerial gunnery, small arms handling, Special Operations Forces (SOF) insertion and extraction operations, Vertical Replenishment (VERTREP), Night Vision Device (NVD) operations, and observer duties for safety of flight. These duties contribute directly to aircrew operations, training, and administration for the purposes of attaining and maintaining the squadron's aircrew qualifications and certifications. Helicopter Warfare Specialists must be able to obtain a final secret security clearance and be eligible to obtain higher security clearance as required.

DoD Relationship

Group Title	*DoD Code*
Divers	143300

O*NET Relationship

Occupation Title	*SOC Code*	*Job Family*
Military Enlisted Tactical Operations and Air/Weapons Specialists and Crew Members, All Other	55-3019.00	Military Specific

Skills	Abilities
Coordination	*Oral Expression*
Critical Thinking	*Deductive Reasoning*
Management of Material Resources	*Memorization*
Monitoring	*Written Comprehension*
Systems Analysis	*Written Expression*
Operation and Control	*Problem Sensitivity*
Speaking	*Near Vision*
Quality Control Analysis	*Oral Comprehension*
Management of Personnel Resources	*Inductive Reasoning*
Reading Comprehension	*Static Strength*

AIRBORNE MINE COUNTERMEASURES (AMCM)

Paygrade	Task Type	Task Statements
E4	CORE	Adjust mine sweeping gear magnetic field generation settings
E4	CORE	Analyze Aerospace Environmental Profile (AEP) data
E4	CORE	Analyze Bathythermograph (BT) data
E4	CORE	Analyze bottom characteristics data
E4	CORE	Analyze Computerized Post Mission Analysis (CPMA) operations
E4	CORE	Analyze water current data
E4	CORE	Calculate clearance percentage operations
E4	CORE	Calculate risk of ship and aircraft operations in minefields
E4	CORE	Calculate target offsets
E4	CORE	Certify sonar and laser mine hunting operators and instructors
E4	CORE	Classify mine tactical data
E4	CORE	Classify mine-like contacts
E4	CORE	Conduct Medical Evacuations (MEDEVAC)

E5	CORE	Coordinate operational assets
E5	CORE	Develop Surface Navy Integrated Undersea Tactical Technology (SNIUTT) operations
E4	CORE	Inspect Aerospace Environmental Profile (AEP)
E4	CORE	Inspect Airborne Mine Countermeasures Stream and Recovery Module (ASRM) equipment
E4	CORE	Install litters
E4	CORE	Load mission data
E5	CORE	Manage Mine Countermeasures (MCM) database
E4	CORE	Perform Aerospace Environmental Profile (AEP) operations
E4	CORE	Perform Airborne Mine Countermeasures (AMC) trainer operations
E4	CORE	Perform Airborne Mine Countermeasures (AMCM) operations
E4	CORE	Perform Built-In Test (BIT)
E4	CORE	Perform Computerized Post Mission Analysis (CPMA) Mine Warfare Environmental Decision Aides Library (MEDAL) operations
E4	CORE	Perform sonar and laser mine hunting operations
E4	CORE	Perform Surface Navy Integrated Undersea Tactical Technology (SNIUTT) operations
E4	CORE	Prepare mission data
E5	CORE	Supervise Surface Navy Integrated Undersea Tactical Technology (SNIUTT) operations
E4	CORE	Transmit data link contacts

AIRCREW ADMINISTRATION

Paygrade	**Task Type**	**Task Statements**
E5	CORE	Administer Naval Air Training and Operating Procedures Standardization (NATOPS) programs
E5	CORE	Analyze monthly reports
E5	CORE	Analyze training and readiness matrix
E5	CORE	Certify Naval Air Training and Operating Procedures Standardization (NATOPS) qualifications in training jacket
E5	CORE	Conduct aircrew qualification and readiness program evaluations
E5	CORE	Conduct evaluation boards
E5	CORE	Conduct standardization boards
E4	CORE	Coordinate cargo transfers
E5	CORE	Coordinate daily flight schedule inputs
E5	CORE	Coordinate Operating Areas (OPAREA) scheduling with external agencies
E5	CORE	Coordinate tactical missions
E6	CORE	Determine aircrew readiness requirements for individuals and crews
E5	CORE	Determine aircrew requirements for flight and Weapons System Trainer (WST) events
E5	CORE	Develop and setup mission plans

E5	CORE	Develop Naval Air Training and Operating Procedures Standardization (NATOPS) exams
E5	CORE	Develop Naval Air Training and Operating Procedures Standardization (NATOPS) lesson materials
E6	CORE	Evaluate aircrew training programs
E5	CORE	Evaluate tactical Situation Reports (SITREP) for mission analysis
E5	CORE	Maintain aircrew flight databases
E5	CORE	Maintain aircrew training jackets
E5	CORE	Maintain flight publications
E4	CORE	Maintain Naval Air Training and Operating Procedures Standardization (NATOPS) publications
E5	CORE	Maintain Naval Air Training and Operating Procedures Standardization (NATOPS) training jackets
E5	CORE	Maintain publications library
E5	CORE	Manage tactical data
E5	CORE	Monitor Crew Resource Management (CRM) program
E5	CORE	Perform individual and crew tactical evaluations
E4	CORE	Perform mission planning
E5	CORE	Perform Naval Air Training and Operating Procedures Standardization (NATOPS) evaluations
E5	CORE	Prepare flight hour reports
E5	CORE	Prepare flight schedules
E5	CORE	Prepare mission summary logs
E5	CORE	Update standardization board minutes

AIRCREW DUTIES

Paygrade	**Task Type**	**Task Statements**
E4	CORE	Analyze load characteristics
E4	CORE	Analyze Meteorological and Oceanographic (METOC) conditions
E4	CORE	Analyze tactical environments
E5	CORE	Analyze tactical missions
E4	CORE	Classify enemy aircraft
E4	CORE	Complete cargo and personnel manifests
E4	CORE	Conduct aircraft system testing
E4	CORE	Conduct aircrew mission briefs
E4	CORE	Control navigational aids
E4	CORE	Document aircraft system discrepancies
E5	CORE	Evaluate post-flight tactical data
E4	CORE	Inspect Airborne Mine Countermeasures (AMCM) equipment
E4	CORE	Inspect Aircraft Survivability Equipment (ASE)
E4	CORE	Inspect Aviation Life Support Systems (ALSS) equipment
E4	CORE	Inspect Countermeasures Dispensing System (CMDS)
E4	CORE	Inspect Functional Check Flight (FCF) equipment

E4	CORE	Inspect Helicopter In-Flight Refueling (HIFR) rigging
E4	CORE	Inspect navigational bags
E4	CORE	Inspect Night Vision Device (NVD) equipment
E4	CORE	Inspect ordnance equipment
E4	CORE	Inspect Vertical Onboard Delivery (VOD) and logistics equipment
E4	CORE	Jettison cargo
E4	CORE	Load mission software
E4	CORE	Maintain flight logbooks
E5	CORE	Manage aircrew readiness
E5	CORE	Manage Crew Resource Management (CRM) program
E4	CORE	Monitor aircraft performance
E4	CORE	Monitor Helicopter Aerial Refueling (HAR)
E4	CORE	Monitor operational power requirements
E4	CORE	Monitor visual contacts
E4	CORE	Operate crew hover systems
E4	CORE	Perform aerial navigation operations
E4	CORE	Perform aircraft emergency procedures
E4	CORE	Perform aircraft fueling
E4	CORE	Perform aircraft in-flight servicing procedures
E4	CORE	Perform Aircraft Survivability Equipment (ASE) procedures
E4	CORE	Perform aircrew mission planning
E4	CORE	Perform bambi bucket operations
E4	CORE	Perform Battle Damage Assessment (BDA)
E4	CORE	Perform Cardiopulmonary Resuscitation (CPR)
E4	CORE	Perform crew and passenger pre-flight preparations
E4	CORE	Perform Crew Resource Management (CRM)
E4	CORE	Perform Emergency Destruction Plan (EDP) procedures
E4	CORE	Perform emergency equipment operations
E4	CORE	Perform first aid
E4	CORE	Perform Functional Check Flight (FCF) operations
E4	CORE	Perform general crew aircraft inspections
E4	CORE	Perform Global Command and Control System (GCCS) operations
E4	CORE	Perform Helicopter In-Flight Refueling (HIFR) operations
E4	CORE	Perform internal and external communications
E4	CORE	Perform land survival techniques
E4	CORE	Perform long cord procedures
E4	CORE	Perform Night Vision Device (NVD) operations
E6	CORE	Perform Operational Reporting (OPREP) procedures
E4	CORE	Perform pre and post flight aircraft inspections
E4	CORE	Perform Surface Surveillance Coordination (SSC) operations

E4	CORE	Perform tactics operations
E4	CORE	Perform terrain avoidance operations
E4	CORE	Perform Vertical Onboard Delivery (VOD) and logistic operations
E4	CORE	Perform visual searches
E4	CORE	Plan Surface Surveillance Coordination (SSC) operations
E4	CORE	Record mission data
E4	CORE	Report in-flight status
E5	CORE	Supervise safety in-flight procedures
E4	CORE	Verify Aircraft Weight and Balance (W&B)

AIRCREW TRAINING

Paygrade	Task Type	Task Statements
E5	CORE	Administer aircrew training programs
E4	CORE	Conduct crew-served weapons live fire training
E4	CORE	Conduct Digital Moving Junction Unit (DMJU) training
E4	CORE	Conduct Digital Moving Kneeboard (DMK) training
E4	CORE	Conduct Ground Rescue Element (GRE) training
E4	CORE	Conduct Naval Air Training and Operating Procedures Standardization (NATOPS) flight/ground training
E4	CORE	Conduct Naval Aircrew Warfare Specialist (NAWS) training
E5	NON-CORE	Conduct small arms live fire training
E4	CORE	Conduct tactical flight/ground training
E4	CORE	Conduct weekly aircrew training
E5	CORE	Develop long and short range aircrew training plans
E5	NON-CORE	Develop tactical exams
E5	NON-CORE	Develop tactical proficiency programs
E5	NON-CORE	Develop tactical training materials
E5	NON-CORE	Develop tactical Weapons System Trainer (WST) scenarios
E4	CORE	Facilitate crew-served weapons classroom training
E4	CORE	Facilitate Night Vision Device (NVD) training
E5	CORE	Operate Weapons Systems Trainers (WST)
E5	NON-CORE	Plan small arms classroom training
E4	CORE	Provide Combat Search and Rescue (CSAR) training
E4	CORE	Provide Search and Rescue (SAR) training
E5	CORE	Supervise Common Post Mission Analysis (CPMA) Mine Warfare Environmental Decision Aides Library (MEDAL) operations

PRIMARY MISSION AREAS

Paygrade	Task Type	Task Statements
E4	CORE	Conduct Anti-terrorism Force Protection (AT/FP) operations
E4	CORE	Conduct Close Air Support (CAS) operations
E4	CORE	Conduct Direct Action Operation in Maritime and Riverine areas
E4	CORE	Conduct Helicopter Ropes Suspension Technique (HRST) operations

E4	CORE	Conduct Humanitarian Aid and Disaster Relief (HADR) operations
E4	CORE	Conduct Intelligence Surveillance Reconnaissance (ISR) operations
E4	CORE	Conduct interdiction operations
E4	CORE	Conduct non-combatant evacuation operations
E4	CORE	Conduct Surface Coordination and Reconnaissance (SCAR) Operations
E4	CORE	Conduct Terrain Flight (TERF) operations
E4	CORE	Detect targets
E4	CORE	Employ crew-served weapons
E4	CORE	Identify targets
E4	CORE	Inspect Combat Search and Rescue (CSAR) equipment
E4	CORE	Inspect combat weapon systems
E4	CORE	Inspect Naval Special Warfare (NSW) equipment
E4	CORE	Maintain crew-served weapons
E5	CORE	Manage Small Arms Marksmanship Instructor (SAMI) program
E4	CORE	Monitor weapons deployment
E4	CORE	Perform Aircrew Virtual Environment Trainer (AVET) operations
E4	CORE	Perform Combat Search and Rescue (CSAR) operations
E4	CORE	Perform Digital moving Junction Unit (DMJU) operations
E4	CORE	Perform Digital Moving Kneeboard (DMK) operations
E4	CORE	Perform Explosive Ordinance Disposal (EOD) mine neutralization operations
E4	CORE	Perform Ground Rescue Element (GRE) operations
E4	CORE	Perform Helicopter Ropes Suspension Technique (HRST) procedures
E4	CORE	Perform Naval Special Warfare (NSW) operations
E4	CORE	Perform weapons and stores procedures
E4	CORE	Plan Close Air Support (CAS) operations
E5	CORE	Plan Combat Search and Rescue (CSAR) operations
E4	CORE	Plan Direct Action Operation in Maritime and Riverine areas
E4	CORE	Plan Helicopter Ropes Suspension Technique (HRST) operations
E4	CORE	Plan Humanitarian Aid and Disaster Relief (HADR) operations
E4	CORE	Plan Intelligence Surveillance Reconnaissance (ISR) operations
E4	CORE	Plan interdiction operations
E4	CORE	Plan Naval Special Warfare (NSW) operations
E4	CORE	Plan non- combatant evacuation operations
E4	CORE	Plan Surface Coordination and Reconnaissance (SCAR) operations
E4	CORE	Plan Terrain Flight (TERF) operations

SEARCH AND RESCUE (SAR)

Paygrade	**Task Type**	**Task Statements**
E4	CORE	Conduct ground Search and Rescue (SAR) training
E4	CORE	Conduct Search and Rescue (SAR) missions
E4	CORE	Conduct Search and Rescue (SAR) training

E4	CORE	Deploy marker locators
E4	CORE	Inspect Search and Rescue (SAR) equipment
E4	CORE	Maintain Search and Rescue (SAR) fitness qualifications
E5	CORE	Manage Search and Rescue (SAR) program
E4	CORE	Perform maritime Search and Rescue (SAR) swimmer operations
E5	CORE	Perform overland Search and Rescue (SAR) swimmer operations
E4	CORE	Perform rescue swims

Job Title **Job Code**

Aircrew Readiness Manager (Helicopter) 002744

Job Family	NOC	Short Title (30 Characters)	Short Title (14 Characters)
Transportation and Material Moving	TBD	ACREW READINESS MGR HELO	ARM (HELO)

Pay Plan	Career Field	Other Relationships and Rules
Enlisted	AWS	Not Applicable

Job Description

Aircrew Readiness Managers (Helicopter) are crucial and integral members of staffs, operational commands, and squadrons; coordinate the operational, administrative, and aircrew scheduling functions for the organization; administer and manage training programs and resources for naval aircrew, manage standardization of aircrew training programs to enhance proficiency and readiness, and coordinate all aspects of aircrew training to meet the rigorous demands of operational commitments worldwide; administer and direct the Naval Air Training and Operating Procedures Standardization (NATOPS) and Search and Rescue (SAR) programs; and administer and direct tactics, training and readiness, ordnance and weapons, and aircrew training. As program managers, they analyze training resource requirements, review and approve contract options for new training devices and programs, develop and revise curriculum, incorporate and initiate new aircrew training programs, manage student quotas, qualifications and certifications, and coordinate aircrew physical fitness and health program initiatives.

DoD Relationship

Group Title	*DoD Code*
Air Crew, General	105000

O*NET Relationship

Occupation Title	*SOC Code*	*Job Family*
Airfield Operations Specialists	53-2022.00	Transportation and Material Moving

Skills	Abilities
Monitoring	*Oral Expression*
Reading Comprehension	*Deductive Reasoning*
Coordination	*Written Comprehension*
Management of Material Resources	*Written Expression*
Management of Personnel Resources	*Inductive Reasoning*
Judgment and Decision Making	*Memorization*
Operation and Control	*Near Vision*
Speaking	*Speech Clarity*
Writing	*Fluency of Ideas*
Critical Thinking	*Dynamic Strength*

AIRBORNE MINE COUNTERMEASURES (AMCM)

Paygrade	Task Type	Task Statements
E5	CORE	Coordinate operational assets
E5	CORE	Develop Surface Navy Integrated Undersea Tactical Technology (SNIUTT) operations
E5	CORE	Supervise Surface Navy Integrated Undersea Tactical Technology (SNIUTT) operations

AIRCREW ADMINISTRATION

Paygrade	Task Type	Task Statements
E5	CORE	Administer Naval Air Training and Operating Procedures Standardization (NATOPS) programs
E5	CORE	Analyze monthly reports
E5	CORE	Analyze training and readiness matrix
E6	CORE	Conduct Aircrew Disposition Boards (ADB)
E5	CORE	Conduct evaluation boards
E7	CORE	Conduct Flight Order Audit Boards (FOAB)
E5	CORE	Conduct standardization boards
E5	CORE	Coordinate daily flight schedule inputs

E5	CORE	Coordinate Operating Areas (OPAREA) scheduling with external agencies
E6	CORE	Determine aircrew readiness requirements for individuals and crews
E5	CORE	Determine aircrew requirements for flight and Weapons System Trainer (WST) events
E6	CORE	Evaluate aircrew training programs
E5	CORE	Evaluate tactical Situation Reports (SITREP) for mission analysis
E5	CORE	Maintain aircrew flight databases
E5	CORE	Maintain aircrew training jackets
E5	CORE	Maintain flight publications
E4	CORE	Maintain Naval Air Training and Operating Procedures Standardization (NATOPS) publications
E5	CORE	Manage tactical data
E7	CORE	Manage Temporary Flight Orders (TFO) program
E5	CORE	Monitor Crew Resource Management (CRM) program
E7	CORE	Monitor Fleet Replacement Squadron (FRS) student production
E7	CORE	Organize Flight Order Audit Boards (FOAB)
E7	CORE	Supervise Aircrew Disposition Boards (ADB)
E7	CORE	Supervise evaluation boards
E7	CORE	Supervise mission planning
E6	CORE	Supervise standardization boards
E5	CORE	Update standardization board minutes

AIRCREW DUTIES

Paygrade	**Task Type**	**Task Statements**
E4	CORE	Maintain flight logbooks
E5	CORE	Manage aircrew readiness
E5	CORE	Manage Crew Resource Management (CRM) program
E6	CORE	Perform Operational Reporting (OPREP) procedures
E4	CORE	Review aircraft records

AIRCREW TRAINING

Paygrade	**Task Type**	**Task Statements**
E5	CORE	Administer aircrew training programs
E6	NON-CORE	Analyze emerging technology to meet fleet training requirements
E5	CORE	Develop long and short range aircrew training plans
E5	NON-CORE	Develop tactical exams
E5	NON-CORE	Develop tactical proficiency programs
E5	NON-CORE	Develop tactical training materials
E5	NON-CORE	Develop tactical Weapons System Trainer (WST) scenarios

SEARCH AND RESCUE (SAR)

Paygrade	Task Type	Task Statements
E4	CORE	Maintain Search and Rescue (SAR) fitness qualifications
E5	CORE	Manage Search and Rescue (SAR) program